

Historical Floods: West Branch Susquehanna River at Lock Haven

Latitude: 41.138

Flood Stage: 21 ft

Period of Record: 1889-Present

Last Flood: 12/1/2010

Longitude: -77.442

Number of Floods: 20

Date of Flood	Crest (ft)	Streamflow (cfs)	Category	Code
6/1/1889	29.80	-9,999	Major	***
3/24/1898	26.40	-9,999	Major	***
3/1/1902	23.70	-9,999	Moderate	***
3/4/1904	24.20	-9,999	Moderate	***
11/4/1904	24.20	-9,999	Moderate	***
2/21/1918	26.80	-9,999	Major	***
3/4/1923	25.10	-9,999	Major	***
2/26/1926	22.80	-9,999	Minor	***
3/18/1936	32.30	-9,999	Major	***
4/1/1940	21.70	-9,999	Minor	***
12/31/1942	23.10	-9,999	Moderate	***
5/28/1946	26.85	-9,999	Major	***
11/26/1950	27.61	-9,999	Major	***
3/10/1964	26.10	-9,999	Major	***
6/23/1972	31.10	-9,999	Major	***
9/26/1975	22.92	91,500	Minor	(6)
2/15/1984	22.38	79,000	Minor	(6)
1/20/1996	25.76	93,900	Major	(6)
9/18/2004	28.13	111,000	Major	(6)
12/1/2010	24.10	86,400	Moderate	none

Drainage Area: 3345 sq mi

Gage Datum: 534.41 ft MSL

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Clinton County

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-9999 signifies missing data

MARFC Codes

Code	Description
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(!!!)	Datum changed during this year.
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(1)	Backwater Effect.
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(2)	15.77 ft also occurred on 11/25/1950 but only counted as one flood.
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(3)	Estimated from current USGS rating table.
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(4)	Estimated height from the USGS.
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(5)	Gage height at a different site and/or datum
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(6)	Discharge affected by Regulation or Diversion
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(7)	Due to changes, prior floods were based on present flood stage. Therefore, flood data could possibly be incomplete.
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(8)	Gage is a staff gage and not the official USGS gage. Therefore, some floods may be missing from our study.
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(9)	Discharge effected by snow-melt, ice jam or debris jam break up
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(A)	Discharge affected to unknown degree by regulation or diversion.
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(B)	Month or day of occurrence is unknown or not exact.
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(C)	All or part of the record affected by urbanization, mining, agricultural changes, channelization, or other factors.
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(D)	Crest height adjusted to current datum.
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(E)	Estimated discharge.
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(F)	Only annual maximum peak available for this year.
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(O)	This flood occurred at a previous flood stage that is lower than the current flood stage. This is only a historical flood.
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**	Crest information looks reasonable despite potential problems. This data was used in our study.
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***	Crest information looks unreliable and incomplete and was not used in our flood frequency study.
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****	Gauge was discontinued in 2004. 2004 and later was not used in our study.
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none	No code
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